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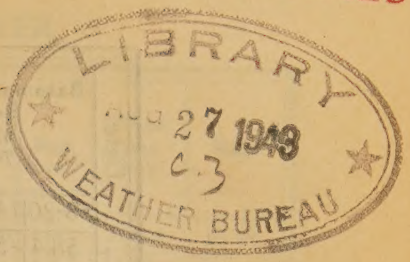

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1943

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria

MAY 1943

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	*8:20	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.4	58.6	58.7	58.6	25.6	17.1	21.0	23.3	19.1	21.1
2	9.7	60.1	60.0	9.9	24.2	18,4	19.9	23.4	19.3	20.9
3	60.9	0.0	59.6	60.2	27.0	19.0	21.6	25.8	20.8	22.7
4	0.7	0 1	9.9	0.2	27.3	19.5	21.2	26.6	21.1	23.0
5	0.1	59.7	9.3	59 7	28.0	19.1	20.6	27.8	21.1	23.2
6	60.1	60.2	60.4	60.2	27.4	18.5	22.6	27.1	20.9	23.5
7	1.0	2 2	1.7	1.6	28.1	19.3	22.8	26.3	21.5	23.5
8	1.7	2.0	0.7	1.5	30.0	21.5	24.0	29.0	23.1	25.4
9	58.7	58.1	57.9	58.2	32.5	19.1	26.1	29.6	22.2	26.0
10	60.4	60.3	60 5	60.4	25.4	15.5	22.1	24.8	19.9	22.3
11	59.9	60.0	60.4	60.1	25,3	17.2	21.4	24.2	19.8	21.8
12	9.8	59.4	59.8	59.7	25.7	17.0	18.4	24.0	18.7	20.4
13	9.4	9.3	8.9	9.2	24.8	15.9	18.7	23.2	18.3	20.1
14	9.0	9.4	60.6	9.7	25.3	16.5	20.3	24.5	18.2	21.0
15	60.5	60.6	1.2	60.8	26.0	17.4	20.7	23.4	18.7	20.9
16	60 6	60.7	60 0	60.4	27.6	17.5	21.5	27.1	20.8	23.1
17	0.8	1.2	1.3	1.1	25.9	18.4	21.9	25.3	19.0	22.1
18	0 1	1.0	59.2	0.1	24.8	18.8	21.0	23.4	21.2	21.9
19	0.5	0.2	60.7	0.5	26.7	18.5	20.9	25.5	20.7	22.4
20	1.6	2.2	2.0	1.9	25.6	18.4	21.4	25.3	19.7	22.1
21	62.9	62.6	62.7	62.7	25.4	17.1	22.3	25.1	19.4	22.3
22	1.6	1.7	1.0	1.4	25.2	17.3	21.2	23.2	19.8	21.4
23	0.2	0.7	0.0	0.3	26.2	16.7	21.6	25.2	19,6	22.1
24	59.9	0.5	0.2	0.2	26.0	17.8	21.3	25.1	20.2	22.2
25	60.7	1.1	1.4	1.1	26.1	17.3	21.7	25.3	19.7	22.2
26	61.5	61.2	61.0	61.2	26.9	17.9	22.7	26.1	19.8	22.9
27	59.5	58.7	57.5	58.6	28.1	18.9	23.3	27.5	20.9	23.9
28	6.8	6.3	6.7	6 6	27.9	19.4	23.8	26.5	21.2	23.8
29	8.2	8 7	8.9	8.6	26.2	16.9	21.6	24.9	20.2	22.2
30	9.2	60.0	60.4	9.9	26.3	17.2	21.1	25.4	20.2	22.2
31	60.9	1.3	1 3	61.2	26.6	19.0	22.4	25.2	20.4	22.7
	60.14	60.26	60.12	60.18	26.58	18.00	21.64	25.45	20.17	22.42

Barometer, range for month 756.3 – 762 9 mm.
„ 62-yr. average for month 759.52 mm.
Thermometer, range for month 15.5° — 32.5° C.
„ 62-yr. average for month 22.38° C.
Rain, total for month 11.42 mm.
„ , 62-yr. average for month 18.29 mm.
„ , total, from Sept. 1st 1131.30 mm
62-yr. average, total from Sept. 1st 880.36 mm

*Summer time

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Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	15.6	16.9	15.2	15.9	84	79	93	85	12.1	352.0	
2	14.6	15.8	15.3	15.2	84	74	91	83	10.2	368.0	
3	15.6	18.3	17.1	17.0	81	73	93	82	11.5	312.0	
4	16.6	18.7	17.5	17.6	88	72	94	85	11.6	256.0	
5	16.9	18.5	16.5	17.3	94	67	88	83	10.3	296.0	
6	17.3	18.0	16.1	17.1	85	68	86	80	12.2	272.0	
7	14.0	18.6	18.3	17.0	68	72	96	79	12.0	464.0	
8	16.0	16.5	12.6	15.0	71	55	60	62	11.5	336.0	
9	17.1	15.4	17.7	16.7	68	50	89	69	11.6	544.0	
10	13.2	14.0	13.2	13.5	66	60	77	68	11.2	728.0	
11	17.9	13.9	13.4	15.1	95	62	78	78	10.4	624.0	
12	13.7	10.4	12.3	12.1	87	56	77	73	6.0	624.0	1.77
13	11.7	13.7	13.0	12.8	73	65	83	74	6.6	272.0	
14	13.0	14.0	13.2	13.4	73	62	84	73	12.1	248.0	
15	13.0	14.2	13.9	13.7	72	67	86	75	12.7	232.2	
16	14.1	17.2	14.3	15.2	74	65	78	72	11.9	320.0	
17	14.3	14.6	13.8	14.2	72	61	85	73	9.7	416.0	
18	14.7	14.7	12.8	14.1	79	69	68	72	4.3	304.0	1.27
19	15.7	16.6	15.6	16.0	84	68	85	79	8.8	374.4	1.27
20	13.6	14.2	13.6	13.8	72	59	80	70	11.4	304.0	
21	13.3	14.0	12.7	13.3	65	59	76	67	10.2	464.0	
22	13.6	14.3	13.8	13.9	72	68	80	73	9.9	568.0	
23	12.8	14.2	13.2	13.4	66	60	78	68	11.8	504.0	
24	11.9	16.2	13.6	13.9	63	57	77	66	11.5	424.0	
25	13.8	14.6	14.4	14.3	71	61	84	72	10.4	240.0	
26	12.7	15.6	14.6	14.3	62	61	84	69	13.4	432.0	
27	15.0	17.5	15.7	16.1	70	64	84	73	12.9	368.0	
28	15.3	17.6	16.3	16.4	70	68	86	75	13.2	440.0	
29	12.3	13.8	12.6	12.9	65	60	71	65	10.3	456.0	
30	12.8	14.6	14.1	13.8	69	60	80	70	11.8	352.0	7.11
31	13.9	13.9	13.3	13.7	69	58	74	67	13.2	512.0	
	14.38	15.50	14.50	14.79	74.5	63.8	82.1	73.5	10.86	400.2	0.36

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 3 hours equals G.C.T.
62 year averages are for period, 1875-1936.

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	0	0	0.3	0	2n	0	slight	dew a.m.
2	0	9cu	0	3.0	2n	1n	0	„	„ „
3	0	3cu	0	1.0	2ne	1n	0	„	
4	0	0	0	0.0	2n	1n	0	„	fog & dew a.m.
5	10cu	0	0	3.3	2sw	2sw	0	„	unusual f. & d. a.m.
6	0	0	0	0.0	2sw	1sw	0	slight	dew a.m.
7	0	0	0	0.0	1sw	2sw	1sw	„	h. a.m.
8	0	0	0	0.0	1sw	1sw	0	„	
9	0	0	0	0.0	0	2sw	3w	„	h. a.m.
10	1cu	4ci	6cu	3.7	3sw	4sw	3sw	mod.	
11	6cu	4cu	1cu	3.7	2sw	3sw	2sw	slight	
12	10ni	1cu	9cu	6.7	3sw	2sw	2sw	„	
13	9cu-ni	8cu	0	5.7	3sw	2sw	0	„	traces of rain a.m.
14	1cu	0	0	0.3	2sw	2sw	0	„	
15	0	0	0	0.0	1sw	1sw	0	light	
16	0	0	7cu	2.3	1n	2ne	1n	slight	
17	6cu	3cu	3cu	4.0	2sw	3sw	1sw	„	
18	9cu	10cu	0	6.3	2w	2sw	1e	„	
19	8cu	0	5cu	4.3	2sw	2sw	2sw	„	*
20	2cu	0	3cu	1.7	2sw	2sw	1sw	„	
21	4cu	1cu	0	1.7	3sw	2sw	1sw	slight	
22	9cu	10cu	0	6.3	2sw	3sw	2sw	„	
23	0	0	0	0.0	2sw	2sw	1sw	„	
24	1cu	0	2cu	1.0	2sw	3sw	2sw	„	
25	1cu	3cu	0	1.3	2sw	2sw	1sw	„	fog over mts.
26	0	0	0	0.0	2sw	2sw	1sw	slight	
27	0	0	0	0.0	1sw	2n	2n	„	
28	0	0	0	0.0	2n	1n	1n	„	w. at night
29	1cu	6cu	5cu	4.0	3w	4sw	2sw	mod.	
30	1cu	3cu	1cu	1.7	2sw	4sw	3sw	„	
31	3cu	1cu	4cu	2.7	1sw	3sw	4sw	slight	
				2.09					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew. W = strong wind.

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	4	1	0	0	0	22	2	0	2	31
14:30	6	1	0	0	0	24	0	0	0	31
20:30	3	0	1	0	0	16	1	0	10	31
Totals	13	2	1	0	0	62	3	0	12	93

Number of days with rain 4, fog 3, thunderstorms 0, gale 0.

62 yr. av. days with rain during month 3.1 days

* The barometer suffered an accident on May 19. Any discrepancies that may be noticed are due to the accident. *The observer.*